



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Mahajani et al.

Application No.: 10/079472

Filed: 2/19/2002

Title: Gate Dielectric Structures for
Integrated Circuits and Methods for Making
and Using Such Gate Dielectric Structures

Attorney Docket No.: MA-068

Group Art Unit: 2814

Examiner: Thao X. Le

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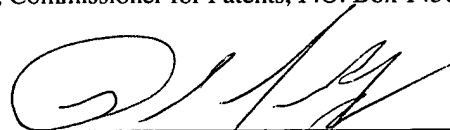
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Dear Sir:

This amendment and response are in reply to the Office Action of September 16, 2003 in the above-captioned case.

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.


Pamela J. Squyres
Date of Mailing 12/12/03

INTRODUCTORY COMMENTS

Claims 1 and 35 have been cancelled. Claims 3, 6-7, 9, 21-25, 27, and 38-42 have been amended. This response includes the following parts, each starting on a new page: A complete listing of Pending Claims, which shows all claims, including the current amendments; Remarks, which discusses the claim amendments and addresses the rejections of the office action of September 16, 2003; and a Conclusion. Exhibit A, referred to in this response, is attached.

Status of Claims:

This response cancels claims 1 and 35. Claims 3, 5-9, 12-15, 20-34 and 36-42 are pending in the application. Claim 7 is rejected under 35 USC 102(b) as anticipated by Yu et al., US Patent No. 6,184,155. Claims 6-7, 9, 12-15, 20-21, 24, 26, 27, and 30-31 are rejected under 35 USC 102(e) as anticipated by Luoh et al., US Publication No. 2003/0017670. Claims 3, 5, 8, 22-23, 25, 28-29, 32-34 are rejected under 35 USC 103(a) as unpatentable over Luoh et al. Claims 36-38 are rejected under 35 USC 103(a) as unpatentable over Chang et al., US Patent No. 6,599,801 in view of Xing et al., US Publication No. 2003/0124873. Claims 39-42 are rejected under 35 USC 103(a) as unpatentable over Yu et al.



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(to be used for all correspondence after initial filing)

Application Number	10/079472	
	Filing Date	February 19, 2002
	First Named Inventor	Maitreyee Mahajani
	Art Unit	2814
	Examiner Name	Thao X. Le
Attorney Docket Number	MA-068	
Total Number of Pages in This Submission	26	

ENCLOSURES (Check all that apply)

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	ENCs: <input type="checkbox"/> 1) Exhibit A (5 pgs)	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> 2) Postcard	

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TECHNOLOGY CENTER 2800**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	MATRIX SEMICONDUCTOR, Inc. Pamela J. Squyres, Reg. No. 52,246
Signature	
Date	December 12, 2003

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Pamela J. Squyres, Reg. No. 52,246
Signature	
Date	December 12, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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